EGYPTIAN REEFER

M/V. "Egyptian Reefer"

YARD Nº 62. PROFILE + DECK PLANS.

SCALE 1:100.

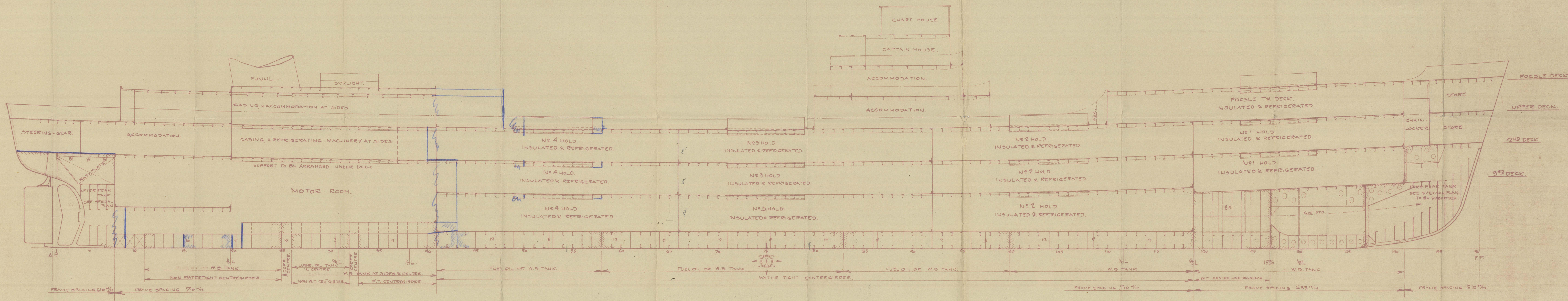
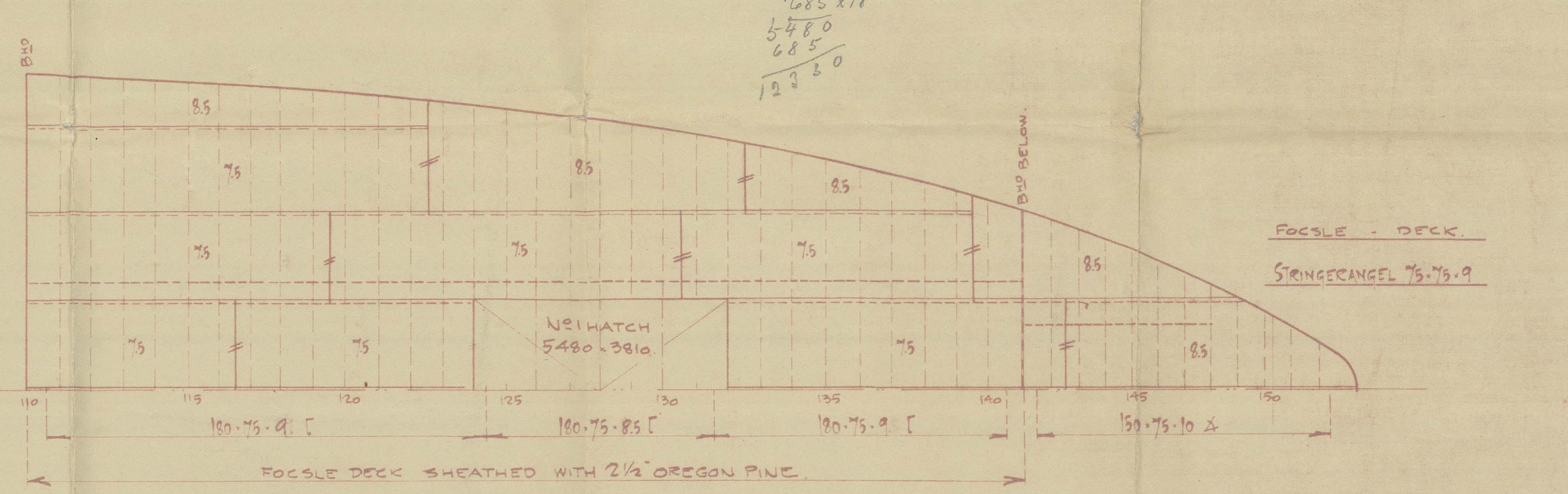


CHART HOUSE.
CAPTAIN HOUSE.
ACCOMMODATION.
ACCOMMODATION.
FUNNL.
SKYLIGHT.
CASING & ACCOMMODATION AT SIDES.
STEERING-GEAR.
ACCOMMODATION.
CASING & REFRIGERATING MACHINERY AT SIDES.
SUPPORT TO BE ARRANGED UNDER DECK.
WASHPLATE
AFTER PEAK TANK SEE SPECIAL PLAN
MOTOR ROOM.
Nº 4 HOLD INSULATED & REFRIGERATED.
Nº 3 HOLD INSULATED & REFRIGERATED.
Nº 2 HOLD INSULATED & REFRIGERATED.
Nº 1 HOLD INSULATED & REFRIGERATED.
FOCSLE TW. DECK. INSULATED & REFRIGERATED.
WEB.
CHAIN-LOCKER
STORE.
STORE.
FORE PEAK TANK SEE SPECIAL PLAN TO BE SUBMITTED.
SIDE STR.
FOCSLE DECK.
UPPER DECK.
2ND DECK.
3RD DECK.
A.P.
F.P.
1/8 L.
3/5 L.
1/2 L.
15%
W.B. TANK.
NON WATERTIGHT CENTREGIRDER.
COFF. CENTRE
LUBR. OIL TANK IN CENTRE.
W.B. TANK AT SIDES & CENTRE.
NON W.T. CENTGIRDER.
W.T. CENTREGIRDER.
FUEL OIL OR W.B. TANK.
WATER TIGHT CENTREGIRDER.
W.T. CENTRE LINE BULKHEAD
FRAME SPACING 610 M/M
FRAME SPACING 710 M/M.
FRAME SPACING 685 M/M.

SCANTLINGS FOR PILLARS AND DECKGIRDERS. SEE SPECIAL PLAN.

CLASS: LLOYD'S ✠ 100 A.1.

FULL SCANTLING VESSEL.


BHD
BHD BELOW
Nº 1 HATCH 5480 × 3810.
180·75·9 [
180·75·8.5 [
150·75·10 ∠
FOCSLE - DECK.
STRINGERANGEL 75·75·9

FOCSLE DECK SHEATHED WITH 2½" OREGON PINE.

DIMENSIONS.

LENGTH BETWEEN P.P.	342'-0"	104.240 M.
BREADTH MOULDED.	48'-6"	14.784 M.
DEPTH MOULDED TO FOCSLE DECK.	35'-7"	10.845 M.
DEPTH — " — UPPER DECK	27'-9"	8.460 M.
DEPTH — " — 2ND DECK.	19'-11"	6.075 M.
DEPTH — " — 3RD DECK.	12'-5½"	3.800 M

NUMERALS.

D. = 27.75

FIRST LONGITUDINAL NUMBER = L × D = 342 × 27.75 = 9490.50

SECOND — " — — " — = L × (B + D) = 342 × (48.5 + 27.75) = 26077.50

PROPORTION NUMBER = L/D = 342/27.75 = 12.324

ALL BULB SECTIONS ARE BASED ON THE 1924 STANDARD.

EQUIPMENT Nº EN.

L × (B + D) = 342.0 (48.5 × 27.75) =	26077.50
FOCSLE TW. DECK = H × L × .75 = 93.67 × 7.82 × .75 =	549.22
DECKHOUSE ON UPPERDECK = H. L. × .5 = 41.93 × 9.5 × .5 =	199.16
DECKHOUSE ON BRIDGEDECK = H. L. × .5 = 26.57 × 8.5 × .5 =	112.94
CAPTAINS HOUSE = H. L. × .5 = 20.01 × 7.5 × .5 = IF WIDER THAN ½B	75.05
DECKHOUSE ON UPPERDECK AFT = H. L. × .5 = 72.21 × 8.0 × .5 =	288.84
EN =	27303.21

EQUIPMENT LETTER "U"

3 BOWER ANCHORS STOCKLESS 2 AT 48¾ CWTS. (COLLECTIVE WEIGHT 139 CWTS)

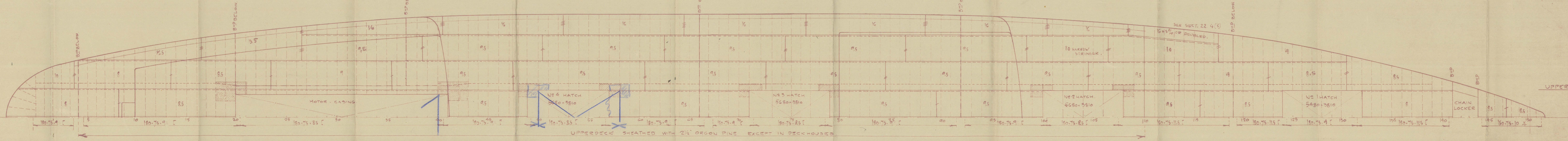
1 STREAM — " — AT 13 CWTS. EXCL STOCK.

270 FMS. 2" STUD CHAIN CABLES (MIN. WEIGHT 538¾ CWTS)

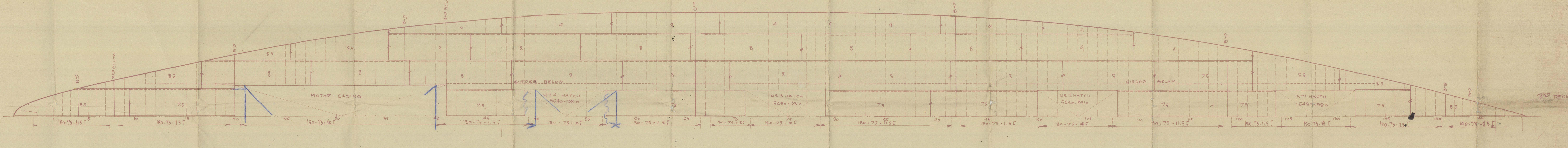
90 FMS. 13/16" CHAIN OR 4½" STEEL WIRE (6 × 12 FLEX) FOR STREAM ANCHOR.

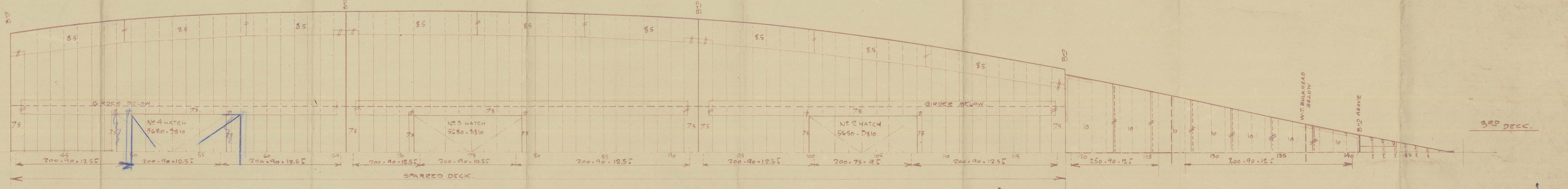
120 FMS. 4" STEEL WIRE (6 × 12 FLEX) FOR TOWLINE

4 × 90 FMS. 7" HEMP OR 2½" STEEL WIRE (6 × 12 FLEX) FOR HAWSERS & WARPS.

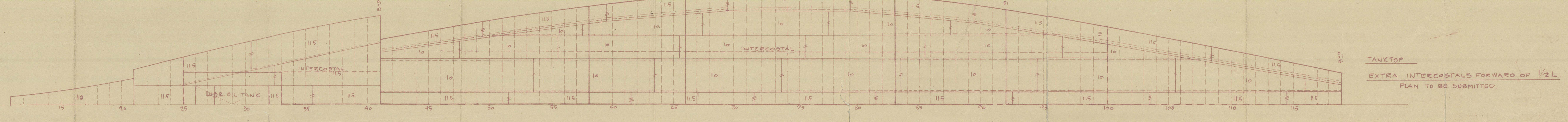

BHD BELOW
MOTOR - CASING
Nº 4 HATCH 5680 × 3810
Nº 3 HATCH 5680 × 3810
Nº 2 HATCH. 5680 × 3810
Nº 1 HATCH 5480 × 3810
SEE SECT. 22. 4(3)
16 + 5% OR DOUBLED.
10 HARROW STRINGER.
CHAIN LOCKER
UPPERDECK.

UPPERDECK SHEATHED WITH 2½" ORGON PINE EXCEPT IN DECKHOUSES.


BHD BELOW
MOTOR - CASING
GIRDER BELOW
Nº 4 HATCH 5680 × 3810
Nº 3 HATCH 5680 × 3810
Nº 2 HATCH 5680 × 3810
Nº 1 HATCH 5480 × 3810
2ND DECK.


GIRDER BELOW
Nº 4 HATCH 5680 × 3810
Nº 3 HATCH 5680 × 3810
Nº 2 HATCH 5680 × 3810
W.T. BULKHEAD BELOW
BHD ABOVE
3RD DECK.

SPARRED DECK.


INTERCOSTAL
INTERCOSTAL
LUBR. OIL TANK

TANKTOP.

EXTRA INTERCOSTALS FORWARD OF ½ L.

PLAN TO BE SUBMITTED.

②

"Egyptian Reefer"

62.

3.

1:100.

KT-P.

9/7-35.

PROFIL & DECK PLANS.

3.

012493-012500-0028

YARD Nº 62. MIDSHIP SECTION. SCALE 1:25.

M/v. „Egyptian Reefer"

EXTRA STRENGTHENING TO OWNERS REQUIREMENTS WILL BE SUBMITTED.

DIMENSIONS.

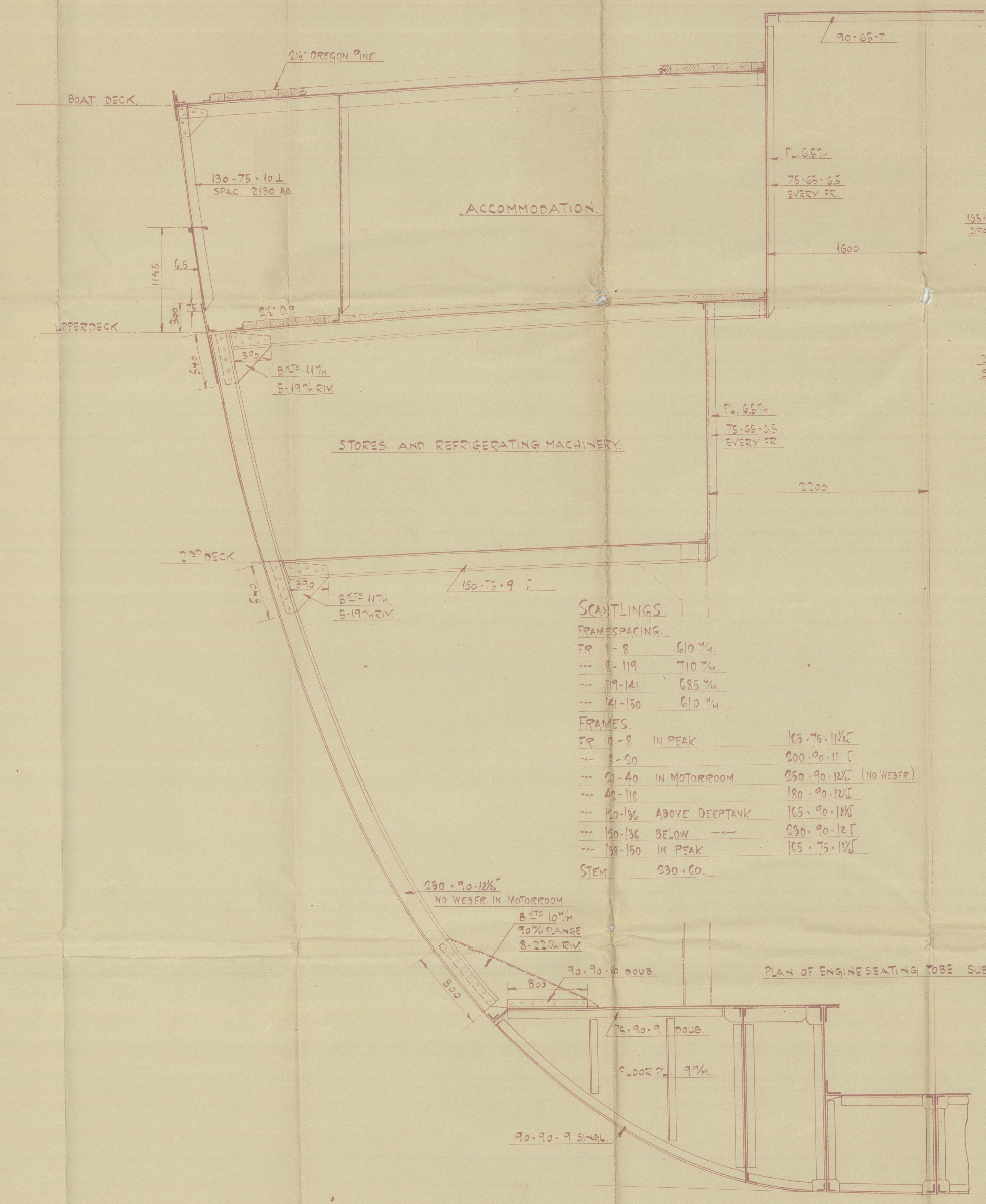
LENGTH BETWEEN P.P.	342'-0"	104.240 M.
BREADTH MOULDED.	48'-6"	14.784 M.
DEPTH MOULDED TO UPPERDECK.	27'-9"	8.460 M.
—„— —„— –„– 2ND DECK	19'-11"	6.075 M.
—„— —„— –„– 3RD DECK	12'-5½"	3.800 M.

CLASS LLOYDS ✠ 100. A. 1.
FULL SCANTLING VESSEL.

NUMERALS.

D =	27.75
L + D = 342 × 27.75 =	9491
L × (B + D) = 342 × (48.5 + 27.75) =	26078
L/D = 342/27.75 =	12.32
d =	~~8.50'~~

ALL BULBANGLES ARE BASED ON 1924 STANDARDS.


2½" OREGON PINE
90·65·7
BOAT DECK.
130·75·10 ⊥
SPAC. 2130 AB.
ACCOMMODATION.
PL. 6.5 m/m
75·65·6.5
EVERY FR.
1600
1145
6.5
300
75
2½" O.P.
UPPERDECK.
540
390
BKTS 11 m/m
5-19 m/m RIV.
STORES AND REFRIGERATING MACHINERY.
PL. 6.5 m/m
75·65·6.5
EVERY FR
2200
2ND DECK.
540
390
BKTS 11 m/m
5-19 m/m RIV.
150·75·9 ⌐
250·90·12½ ⌐
NO WEBFR. IN MOTORROOM.
B KTS 10 M/M
90 M/M FLANGE
8-22 m/m RIV.
800
90·90·10 DOUB.
800
75·90·9 DOUB.
FLOOR PL. 9 M/M.
90·90·9 SINGL.
PLAN OF ENGINESEATING TOBE SUBMITTED.

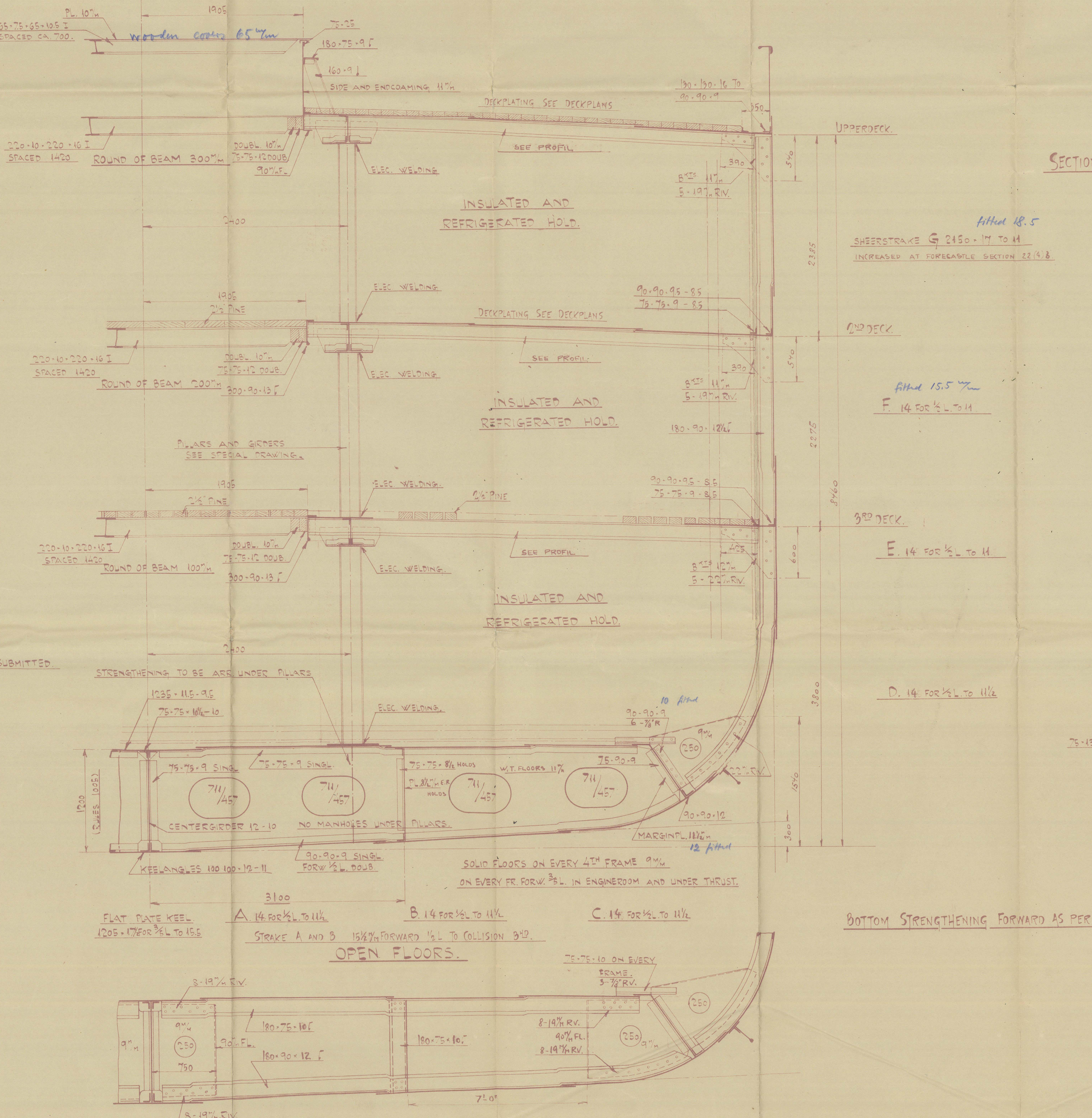
SCANTLINGS.

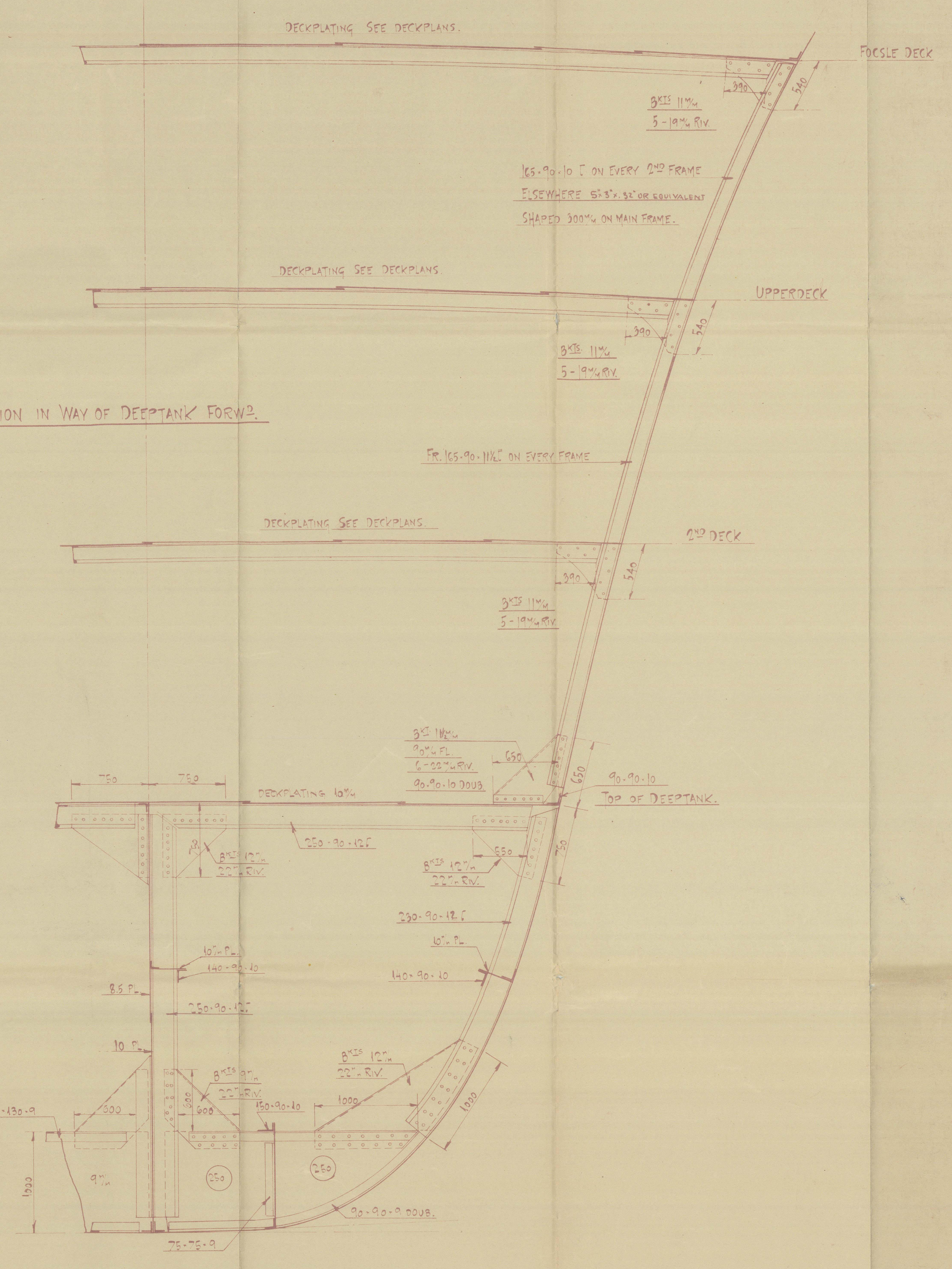
FRAMESPACING.

FR.	1-8	610 m/m.
—„—	8-119	710 m/m.
—„—	119-141	685 m/m.
—„—	141-150	610 m/m.

FRAMES.

FR.	0-8	IN PEAK	165·75·11½ ⌐
—„—	8-20		200·90·11 ⌐
—„—	21-40	IN MOTORROOM	250·90·12½ ⌐ (NO WEBFR.)
—„—	42-118		180·90·12½ ⌐
—„—	120-136	ABOVE DEEPTANK	165·90·11½ ⌐
—„—	120-136	BELOW —„—	230·90·12 ⌐
—„—	138-150	IN PEAK	165·75·11½ ⌐
STEM		230·60.	


PL. 10 m/m
165·75·65·10.5 I
SPACED CA. 700.
wooden coating 65 m/m
1905
75·25
180·75·9 ⌐
160·9 ⊥
SIDE AND ENDCOAMING 11 m/m
DECKPLATING SEE DECKPLANS
130·130·16 TO
90·90·9
350
UPPERDECK.
220·10·220·16 I
SPACED 1420
ROUND OF BEAM 300 m/m
DOUBL. 10 m/m
75·75·12 DOUB.
90 m/m FL.
SEE PROFIL
ELEC. WELDING
390
540
BKTS 11 m/m
5-19 m/m RIV.
INSULATED AND
REFRIGERATED HOLD.
2400
2385
SHEERSTRAKE G 2150·17 TO 11
fitted 18.5
INCREASED AT FORECASTLE SECTION 22 (4) B
ELEC. WELDING
1905
2½" PINE
90·90·9.5 - 8.5
75·75·9 - 8.5
DECKPLATING SEE DECKPLANS
2ND DECK.
220·10·220·16 I
SPACED 1420
DOUBL. 10 m/m
75·75·12 DOUB.
ROUND OF BEAM 200 m/m
300·90·13 ⌐
SEE PROFIL
ELEC. WELDING
390
540
BKTS 11 m/m
5-19 m/m RIV.
INSULATED AND
REFRIGERATED HOLD.
fitted 15.5 m/m
F. 14 FOR ½L. TO 11
180·90·12½ ⌐
2275
PILLARS AND GIRDERS
SEE SPECIAL DRAWING.
1905
2½" PINE
ELEC. WELDING
2½" PINE
90·90·9.5 - 8.5
75·75·9 - 8.5
8460
3RD DECK.
220·10·220·16 I
SPACED 1420
DOUBL. 10 m/m
75·75·12 DOUB.
ROUND OF BEAM 100 m/m
300·90·13 ⌐
SEE PROFIL
ELEC. WELDING.
425
600
BKTS 12 m/m
5-22 m/m RIV.
E. 14 FOR ½L. TO 11
INSULATED AND
REFRIGERATED HOLD.
2400
STRENGTHENING TO BE ARR. UNDER PILLARS
1235·11.5-9.5
75·75·10½-10
ELEC. WELDING.
3800
D. 14 FOR ½L. TO 11½
10 fitted
90·90·9
6-⅞"R
9 m/m
250
22 m/m RIV.
75·75·9 SINGL
75·75·9 SINGL.
75·75·8½ HOLDS
PL. 8½ m/m E.R. HOLDS
W.T. FLOORS 11 m/m
75·90·9
711/457
711/457
711/457
711/457
1200
(RULES 1005)
1540
CENTERGIRDER 12-10
NO MANHOLES UNDER PILLARS.
90·90·12
MARGINPL. 11½ m/m
12 fitted
300
KEELANGLES 100 100·12-11
90·90·9 SINGL.
FORW ½L. DOUB.
SOLID FLOORS ON EVERY 4TH FRAME 9 m/m
ON EVERY FR. FORW. ⅗L. IN ENGINEROOM AND UNDER THRUST.
3100
FLAT PLATE KEEL
1205·17 FOR ⅗L TO 15.5
A. 14 FOR ½L. TO 11½
B. 14 FOR ½L. TO 11½
C. 14 FOR ½L. TO 11½
STRAKE A AND B 15½ m/m FORWARD ½L TO COLLISION BHD.
OPEN FLOORS.
75·75·10 ON EVERY
FRAME.
3-⅞" RV.
8-19 m/m RIV.
9 m/m
9 m/m
250
90 m/m FL.
180·75·10 ⌐
180·90·12 ⌐
740
180·75·10 ⌐
8-19 m/m RV.
90 m/m FL.
8-19 m/m RV.
250
250
9 m/m
7100
8-19 m/m RIV.


DECKPLATING SEE DECKPLANS.
FOCSLE DECK
390
540
BKTS 11 M/M
5-19 M/M RIV.
165·90·10 ⌐ ON EVERY 2ND FRAME
ELSEWHERE 5"×3"×.32" OR EQUIVALENT
SHAPED 300 M/M ON MAIN FRAME.
DECKPLATING SEE DECKPLANS.
UPPERDECK
390
540
BKTS. 11 M/M
5-19 M/M RIV.
SECTION IN WAY OF DEEPTANK FORWD.
FR. 165·90·11½ ⌐ ON EVERY FRAME
DECKPLATING SEE DECKPLANS.
2ND DECK
390
540
BKTS 11 M/M
5-19 M/M RIV.
BKT. 11½ M/M
90 M/M FL.
6-22 M/M RIV.
90·90·10 DOUB.
650
650
90·90·10
TOP OF DEEPTANK.
750
750
DECKPLATING 10 M/M
750
250·90·12 ⌐
BKTS 12 m/m
22 m/m RIV.
550
BKTS 12 m/m
22 m/m RIV.
230·90·12 ⌐
10 m/m PL.
140·90·10
140·90·10
10 m/m PL.
8.5 PL.
250·90·12 ⌐
10 PL.
BKTS 12 m/m
22 m/m RIV.
BKTS 9 m/m
22 m/m RIV.
75·130·9
600
600
600
150·90·10
1000
1000
1000
9 m/m
250
250
90·90·9 DOUB.
75·75·9

BOTTOM STRENGTHENING FORWARD AS PER RULES.

①

M/s. Egyptian Reefer ✱
Cpn. Rpt. No. 12077.

62.
2.
1:25.
CL. & J.
9-7-35
MIDSHIP SECTION.
3.

012493-012500-0026

M/v. „Egyptian Reefer"

YARD Nº 62

STERNFRAME AND RUDDER.

SCALE: 1/7.5-1/15 & 1/50

MATERIAL:
STERN,- RUDDERPOST, ARMS & MAINPIECE
OF RUDDER OF CAST STEEL.
RUDDERSHAFT OF FORGED STEEL.
PINTLES OF STEEL WITH BRASS SLEEVE.
BUREAU VERITAS TEST. CERTIFICATE TO BE DELIVERED.
AREA OF RUDDER ABAFT ℄ OF PINTLES: A = 93.06 SQ.FT.
CENTRE OF GRAVITY ABAFT ℄ OF PINTLES: R = 3.26 FT.
A x R = 93.06 x 3.26 = 303.65.
SPEED OF VESSEL = AB. 16.0 KNOTS.

OWNERS EXTRA.
GUDGEONS & HEELPIECE + 10% IN AREA.
RUDDERSHAFT + 6% IN AREA.
TO BE INCLUDED IN APPROVED DIMENSION.

A-A.
SCALE 1:7.5
B-B.
SCALE 1:7.5
C-C.
SCALE 1:15
D-D.
SCALE 1:5
WEB ON FRAME Nº 2.
LOOKING FORWARD
SCALE 1:5
WEB ON FRAME Nº 3.
LOOKING FORWARD
SCALE 1:5
RUDDER POST.
LOOKING FORWARD
SCALE 1:5
Nºs 2 & 3 GUDGEON.
SCALE 1:5.
BOTTOM GUDGEON.
SCALE 1:5.
HORIZONTAL COUPLING & TOP GUDGEON.
SCALE 1:5.
2ND DECK
BASE LINE.
STRAIGHT LINE
RUDDER TO BE FILLED WITH LIGHT PITCH OR GRANULATED CORK AND BITUMASTIC
RIVETS CONNECTING RUDDER
NO RIVETHOLES IN WAY OF BOSS
℄ OF PROPELLERSHAFT
FINISHED MEASURE. MATERIAL TO BE ADDED FOR BORING ROUGH DIAMETER
WELDED
BRASS SLEEVE
LIGNUM VITAE
HARDENED STEEL WASHER
8 INS FITTED BOLTS.
40 x 20% FEATHER
FITTED ON TOP 1:3 RED.
SMOOTH TURNED
ROUGH TURNED
AP.
764
265
190
155
R = 600
R = 810

③

"Egyptian Reefer" ✱
Sternframe & Rudder.

APPROVED BY OWNERS. 18/12 - 1935
APPROVED BY BUREAU VERITAS 14-11-1935.

ODENSE STAALSKIBSVÆRFT
62
K.232
1/7.5-1/15-1/50
K.T.-P.
8-11-1935.
Aglestaun ay Ror.
16-11-1935.
21-12-1935.
7.
012499 - 012500 - 012